HDUPONT Gutta N

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 - Product identifier

Trade name/designation HDUPONT Gutta N
Chemical name
Product-type Mixture
Product code DU0610100005C, DU0610250005C, DU0611000005C
UFI: AVXW-K83V-300K-92G9

1.2 - Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses - Auxiliary for fabric dyeing

1.3 - Details of the supplier of the safety data sheet

Clairefontaine Rhodia
RD 52
68490 Ottmarsheim France
Telephone : +33389833750
Website https://www.clairefontaine.com/fr/
Tahina Rakotonirainy: +33 3 89 83 37 86/+33 6 65 46 82 27 trakotonirainy@clairefontaine.com

1.4 - Emergency telephone number

- ORFILA (INRS) + 33 (0)1 45 42 59 59 France

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3 (H336)	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Asp. Tox. 1	Aspiration hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Hydrocarbons, C9-C10, n-alkanes,isoalkanes, cyclics, <2% aromatics (CAS No.:) | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics (CAS No.:)

Signal word : Danger
Hazard pictograms

Hazard statements

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness

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H411	Toxic to aquatic life with long lasting effects

Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapours.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P391	Collect spillage.
P501	Dispose of contents/container to an accredited treatment center.

EUH-phrases : None

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	CAS No. : Index No. : EC No. : 920-750-0 REACH No. : 01-2119473851--33	>= 65 - <= 80	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
Hydrocarbons, C9-C10, n-alkanes,isoalkanes, cyclics, <2% aromatics	CAS No. : Index No. : EC No. : 927-241-2 REACH No. : 01-2119471843--32	>= 10 - <= 15	Aquatic Chronic 3 - H412 Asp. Tox. 1 - H304 Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Provide fresh air.

Following skin contact - After contact with skin, wash immediately with plenty of water and soap.
- When in doubt or if symptoms are observed, get medical advice.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.
- Do NOT induce vomiting.
- When in doubt or if symptoms are observed, get medical advice.

4.2 - Most important symptoms and effects, both acute and delayed

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Symptoms and effects - Following inhalation	- The following symptoms may occur: Dizziness
Symptoms and effects - Following skin contact	- Can cause a cutaneous irritation
Symptoms and effects - After eye contact	- The following symptoms may occur:Impairment of vision
Symptoms and effects - After ingestion	- May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonia. - Get medical advice/attention if you feel unwell.

4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media	- ABC-powder - Carbon dioxide (CO2) - Foam - Extinguishing powder
Unsuitable extinguishing media	- High power water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture	- No information available.
Hazardous decomposition products	- No information available.

5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	- Provide adequate ventilation. - Remove all sources of ignition.
For emergency responders	- Wear breathing apparatus if exposed to vapours/dusts/aerosols. - Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment	- No information available.

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Methods and material for cleaning up	- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
Inappropriate techniques	- No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	- It is recommended to design all work processes always so that the following is excluded: Generation/formation of dust - It is recommended to design all work processes always so that the following is excluded: generation/formation of aerosols - Vapours can form explosive mixtures with air. - When using do not smoke. - Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. - Use only in well-ventilated areas.
Advices on general occupational hygiene	- Avoid contact with skin, eyes and clothes. - When using do not eat, drink, smoke, sniff. - Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Storage class Flammable liquids
- Keep container tightly closed and in a well-ventilated place.
- Do not store together with: Combustible substance
- Protect against: Heat

7.3 - Specific end use(s)

- Wash hands before breaks and after work.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls	- No information available.
Individual protection measures, such as personal protective equipment	- Suitable protective clothing: lab coat

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- Protective gloves

- Eye protection

Environmental exposure controls: - Do not dispose in the environment

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Viscous
Colour:
Odour: characteristic

Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	80 °C
Flash point	22,6 °C
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Density	No data available
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

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VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- In case of warming: Ignition hazard

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- No information available.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Not classified

- Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation - Not classified

- Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation - Not classified

- Based on available data, the classification criteria are not met.

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Germ cell mutagenicity	- Not classified
	- Based on available data, the classification criteria are not met.
Carcinogenicity	- Not classified
	- Based on available data, the classification criteria are not met.
Reproductive toxicity	- Not classified
	- Based on available data, the classification criteria are not met.
STOT-single exposure	- Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation - May cause drowsiness or dizziness
STOT-repeated exposure	- Not classified
	- Based on available data, the classification criteria are not met.
Aspiration hazard	- Aspiration hazard, Category 1 - May be fatal if swallowed and enters airways

11.2 - Information on other hazards

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Toxic to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

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- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 - Other adverse effects

- Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	- Dispose of waste according to applicable legislation.
Sewage disposal	- Do not allow run-off from fire-fighting to enter drains or water courses.
Special precautions for waste treatment	- Do not mix with other wastes.
Community or national or regional provisions	- No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR)	:	UN3295
UN number (RID)	:	UN3295
UN number (ADN)	:	UN3295
UN number (IMDG)	:	UN3295
UN number (IATA)	:	UN3295

14.2 - UN proper shipping name

UN proper shipping name (ADR)	:	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) 640C
UN proper shipping name (RID)	:	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) 640C
UN proper shipping name (ADN)	:	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) 640C
UN proper shipping name (IMDG)	:	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) 640C
UN proper shipping name (IATA)	:	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) 640C

14.3 - Transport hazard class(es)

ADR Transport hazard class(es)	:	3
ADR Classification code:	:	F1

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Pictograms

Transport hazard class(es) (RID) : 3

Pictograms

Transport hazard class(es) (ADN) : 3

Pictograms

Transport hazard class(es) (IMDG) : 3

Pictograms

Transport hazard class(es) (IATA) : 3

Pictograms

14.4 - Packing group

Packing group	:	II
Packing group (RID)	:	II
Packing group (ADN)	:	II
Packing group (IMDG)	:	II
Packing group (IATA)	:	II

14.5 - Environmental hazards

Environmental hazards	:	Yes.
Marine pollutant	:	Hazardous to the aquatic environment — Chronic Hazard, Category 2

14.6 - Special precautions for user

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ADR		
ADR Classification code:	:	F1
ADR Special provisions	:	640C+649
ADR Limited quantity (LQ)	:	1 L
ADR Excepted quantities	:	E2
ADR Packing instructions	:	P001
ADR Special packing provisions	:	
ADR Mixed packing provisions	:	MP19
Instructions for portable tanks and bulk containers	:	T7
Special provisions for portable tanks and bulk containers	:	TP1 TP8 TP28
ADR tank code	:	L1,5BN
ADR tanks special provisions	:	
Vehicle for tank carriage	:	FL
ADR Transport category	:	2
ADR Tunnel restriction code	:	D/E
ADR Special provisions loading, unloading and handling	:	
Special provisions - Packages	:	
Special provisions - Bulk	:	
Special provisions - Operation	:	S2, S20
ADR Hazard identification number (Kemler No.)	:	33
RID		
Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	
ADN		
Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	
IMDG		
Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	
Packing instructions	:	
Special packing provisions	:	
IBC instruction(s)	:	
IBC provisions	:	
Instructions for portable tanks and bulk containers	:	
Special provisions for portable tanks and bulk containers	:	
EmS codes	:	
Stowage and handling	:	
Segregation	:	
Properties and observations	:	

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IATA

PCA - Excepted quantities	:
PCA - Limited Quantity - Packing Instructions	:
PCA - Limited Quantity - Maximum Net Quantity per Package	:
PCA - Packing Instructions	:
PCA - Maximum Net Quantity per Package	:
CAO - Packing Instructions	:
CAO - Maximum Net Quantity per Package	:
Special Provisions	:
ERG Code	:

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None

VOC content: No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product: - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
2,01	20/12/2023	Tahina Rakotonirainy	
2	11/04/2017		
1	17/11/2015		

Abbreviations and acronyms

- ADR : Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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	- IMDG: International Maritime Code for Dangerous Goods - RID : European treaty on the international transport of hazardous substances by rail
Evaluation methods	The classification of the product is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise specified in sections 11 and 12. Data for the evaluation of physico-chemical properties are presented in Section 9.

Texts of the regulatory sentences

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
STOT SE 3 (H336)	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

*** *** ***